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A.D. 1904. JULY 27. N.º 16,595.

LEACH & *another's* COMPLETE SPECIFICATION. (1 SHEET)

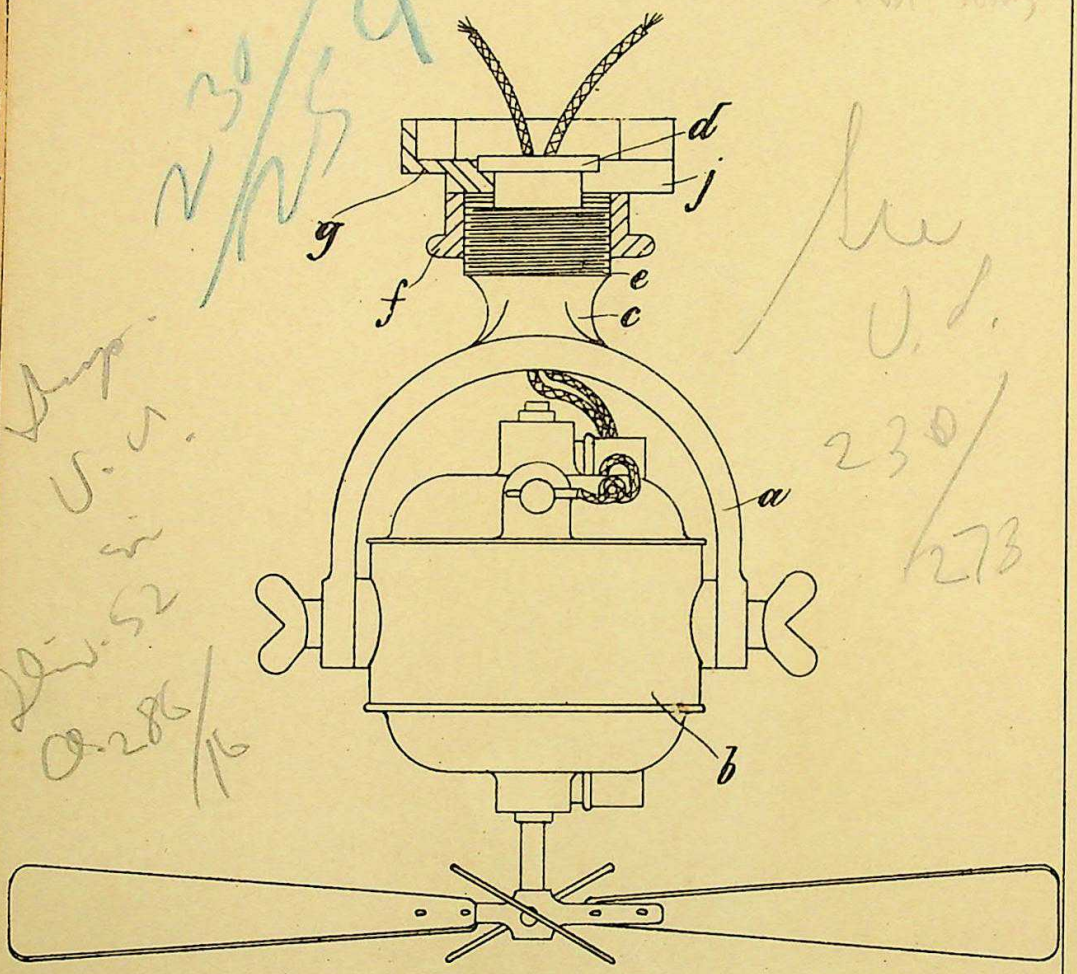

Fig. 1.

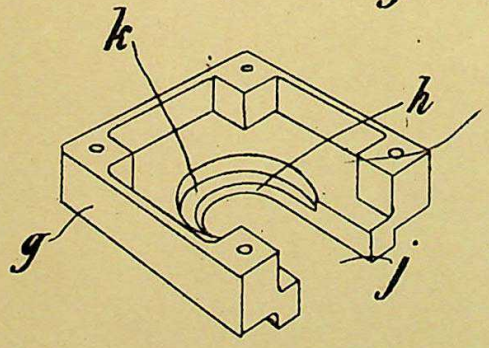

Fig. 2.

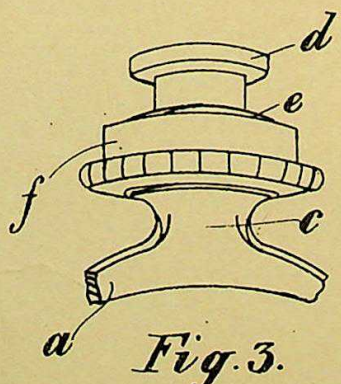

Fig. 3.

N° 16,595 A.D. 1904

Date of Application, 27th July, 1904

Complete Specification Left, 27th Apr., 1905—Accepted, 1st June, 1905

PROVISIONAL SPECIFICATION.

"Improvements in and relating to Supporting Devices for Electric Fans".

We, SIDNEY GEORGE LEACH, of 6 Airlie Gardens, Ilford, in the County of Essex, Electrical Engineer, and EDWARD BERGTHEIL, of 12 Camomile Street, in the City of London, Manufacturer, do hereby declare the nature of this invention to be as follows:—

This invention relates to devices for supporting electric fans, and has for its object the construction and arrangement of such apparatus whereby the electric fan can be simply and easily placed into, and removed from position, its general adjustability about an axis to vary the direction of air current can be easily made and no risk exists of the fan falling out of its supporting device, should the screw or other retaining device not be properly fastened.

To carry this invention into effect, upon the ordinary gimbal frame of an electric fan, we provide a stem having at its outer end a projecting flange or collar and about the stem is arranged a thread on which works an ordinary jamming nut. The device for supporting the fan consists of a plate or base having a central hole and a slot running from the outside of the plate into the said central hole, the slot being of such a width as to allow the stem of the fan frame to pass along it. On the upper side of the plate a recess is formed around the central hole of such a diameter as to permit the flange on the end of the fan frame stem to drop into and engage therein so that when so engaged the fan frame can turn about a vertical axis in either direction and when placed in the position in which it is to remain that position can be retained by screwing the jamming nut along the stem until it bears against the underside of the supporting frame.

Although we have described this device for use as a hanging fitting, it is obvious that the same arrangement can be used when the supporting plate is mounted on a vertical wall or other equivalent position so that the fan may be supported with its frame stem in a horizontal position.

Dated this 27th day of July 1904.

FELL & LAMES,
1 Queen Victoria Street, London. E.C.
Agents for the Applicants.

COMPLETE SPECIFICATION.

"Improvements in and relating to Supporting Devices for Electric Fans".

We, SIDNEY GEORGE LEACH, of 6 Airlie Gardens, Ilford, in the County of Essex, Electrical Engineer, and EDWARD BERGTHEIL, of 12 Camomile Street, in the City of London, Manufacturer, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention relates to devices for supporting electric fans, and has for its

object the construction and arrangement of such apparatus whereby the electric fan can be simply and easily placed into, and removed from position, its general adjustability about an axis to vary the direction of air current can be easily made and no risk exists of the fan falling out of its supporting device, should the screw or other retaining device not be properly fastened.

In order that the invention may be the better understood, we will proceed to describe the same in relation to the accompanying drawings, reference being had to the letters and figures marked thereon. Like letters refer to like parts in the various figures.

Figure 1 is a part sectional view of the device with an electric fan supported thereon.

Figure 2 is a perspective view of the part of the device for attachment to the wall, ceiling, or other support.

Figure 3 is a perspective view of the part of the device attached to or forming a part of the frame holding the fan.

Upon the ordinary gimbal frame *a* of an electric fan *b*, we provide a stem *c* having at its outer end a projecting flange or collar *d* and about the stem *c* is arranged a thread *e* on which works an ordinary jamming nut *f*. The device for carrying the fan from any fixed support such as a wall or ceiling, consists of a plate or base *g* having a central hole *h* and a slot *j* running from the outside of the plate *g* into the central hole *h*. This slot *j* is of such a width as to just allow the stem *c* of the fan frame to pass along it easily.

On the upper side of the plate *g*, a recess *k* is formed around the central hole *h* of such a diameter as to permit the flange *d* on the outer part of the fan frame stem *c* to drop into and engage therein, so that when so engaged the fan frame can be turned about a vertical axis in either direction and when placed in the position in which it is to remain, that position can be retained by screwing the jamming nut *f* along the screw thread *e* until it bears against the underside of the supporting plate or base *g* as shown in Figure 1.

Although the device has been described and illustrated for use as a hanging fitting from the underside of a horizontal support, it is obvious the same arrangement can be used when the supporting plate is mounted on a vertical or inclined wall or other support or in any other equivalent position in which the fan has to be supported with its frame stem extending in a more or less horizontal position.

To remove the fan from its support it is only necessary to slack the nut back sufficiently far to permit the flange *d* being disengaged from the recess *k* of the plate *g*.

Having now particularly described and ascertained the nature of our said invention and in what manner the same is to be performed, we declare that what we claim is;—

1st. A supporting device for electric fans consisting of a supporting base having a central aperture, a recess formed about said central aperture and a slot extending from the outside of the base to the central aperture in combination with a stem adapted to pass along said slot into the central aperture, a flange at the end of said stem adapted to engage with said recess and a jamming device carried by the said stem and adapted to bear against the underside of the supporting base, so as to lock the stem on said base, substantially as described.

2nd. The construction and arrangement of a support for electric fans, substantially as described and illustrated in the accompanying drawing.

Dated this 27th day of April 1905.

FELL & JAMES,
1 Queen Victoria Street, London. E.C.
Agents for the Applicants.

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